



Vaughn Thermal Brings Grid-Enabled Water Heater To Market

On April 30, 2015, President Obama signed the Energy Efficiency Improvement Act of 2015 (S.535). The legislation contains a bi-partisan provision that allows manufacturers to produce Grid-Enabled Electric Thermal Storage (ETS) water heaters, exclusively for use in electric utility load management and Demand Response (DR) programs.

Salisbury, MA ([Vaughn Thermal](#)) May 03, 2015 -- In response, Vaughn Thermal Corporation announces the introduction of the V-Grid ETS water heater line of large-capacity, high-efficiency, Grid-Enabled ETS water heaters for residential DR applications. Available in 80,100 and 119 gallon sizes, the Vaughn V-Grid ETS water heater features the proven durability of a Hydrastone-lined tank and the latest in grid-enabled control technology. The Vaughn water heater with grid-enabled control combines precise temperature management via an electronic thermostat with communication protocol flexibility (CEA2045, OpenADR, WiFi, Zigbee, Bluetooth, Cellular, Pager, etc.) and is equipped with a software activation lock to ensure that the water heater is used in a utility-sponsored program.

The Vaughn V-Grid ETS water heater meets the current requirements of utility load management and demand response programs, while offering enhanced grid-interactive functionality using 2-way communication between the grid and the water heater. When equipped with an optional grid-interactive control device, the Vaughn V-Grid ETS water heater becomes a 'thermal battery' for storing electric energy and has the ability to follow locational marginal pricing. High-speed 2-way communication capability also enables fast regulation service as well as superior utilization and integration of renewable energy, resulting in a significant reduction to the water heater's carbon footprint.

The Vaughn V-Grid ETS water heater is designed to meet the long-term performance requirements of the electric utility industry while seamlessly meeting the hot water needs of a household. With minimal stand-by heat loss, a proven grid-enabled interface and the industry's longest lasting tank (25+ years), the Vaughn V-Grid ETS water heater is the best choice for utility load management, DR and grid-interactive water heating programs.

"Vaughn Thermal Corporation welcomes the opportunity to provide long-life, high-efficiency ETS water heaters for utility demand response programs across the country." said Ken Ladd, Vice President of Sales at Vaughn Thermal Corp, adding "The Vaughn V-Grid ETS water heater is an extremely versatile and technologically advanced water heating appliance that will provide years of efficient and dependable service to consumers and utilities alike."

About Vaughn Thermal Corporation - Vaughn Thermal Corporation, Salisbury, MA, is a leading manufacturer of long-life, high-efficiency water heaters. The company also produces electronic controls for load-management, renewable storage and DR utility programs across the country.

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Vaughn Thermal Corporation



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Water Heaters *Controllers*

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